

20 ~ WATER SUPPLY

Fig 1

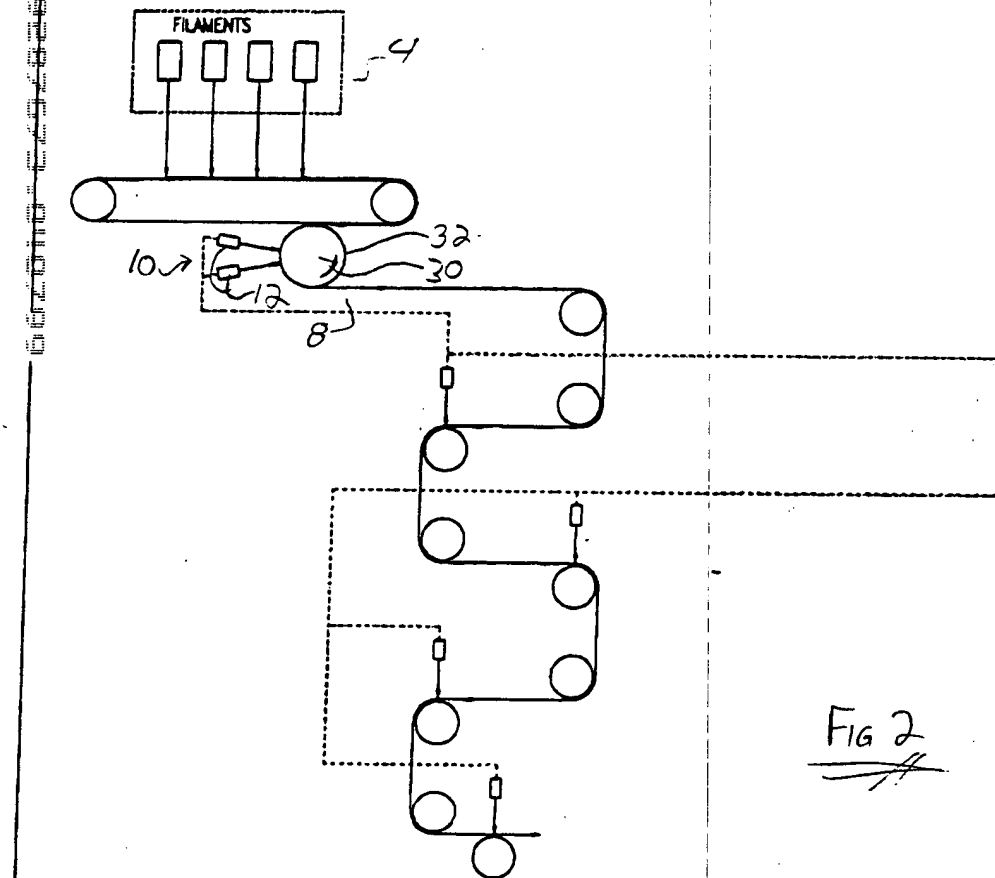


Fig 2

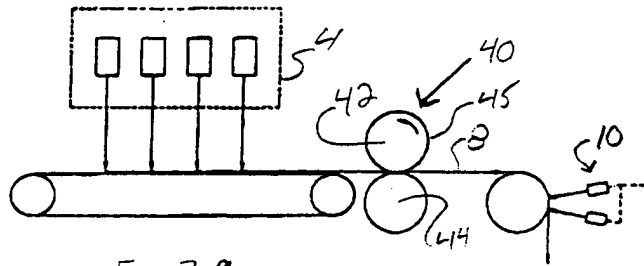


FIG 3A

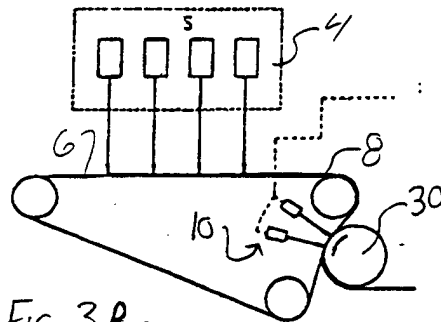


FIG 3B

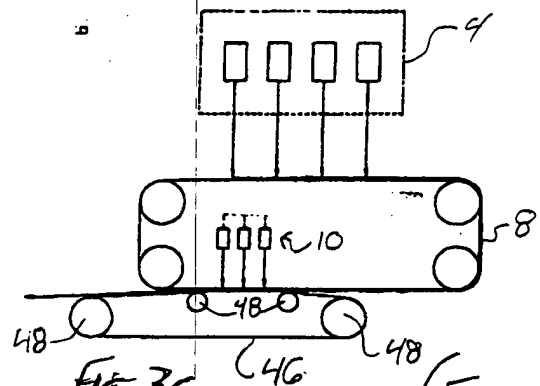


FIG 3C

(FIG 3D)

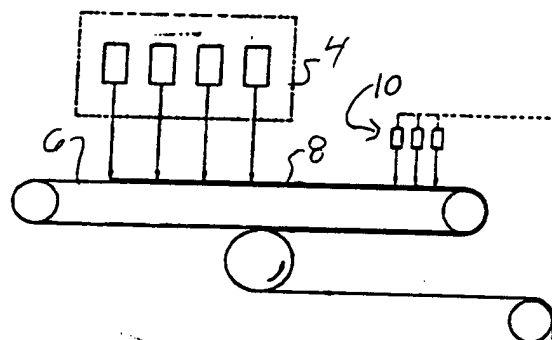
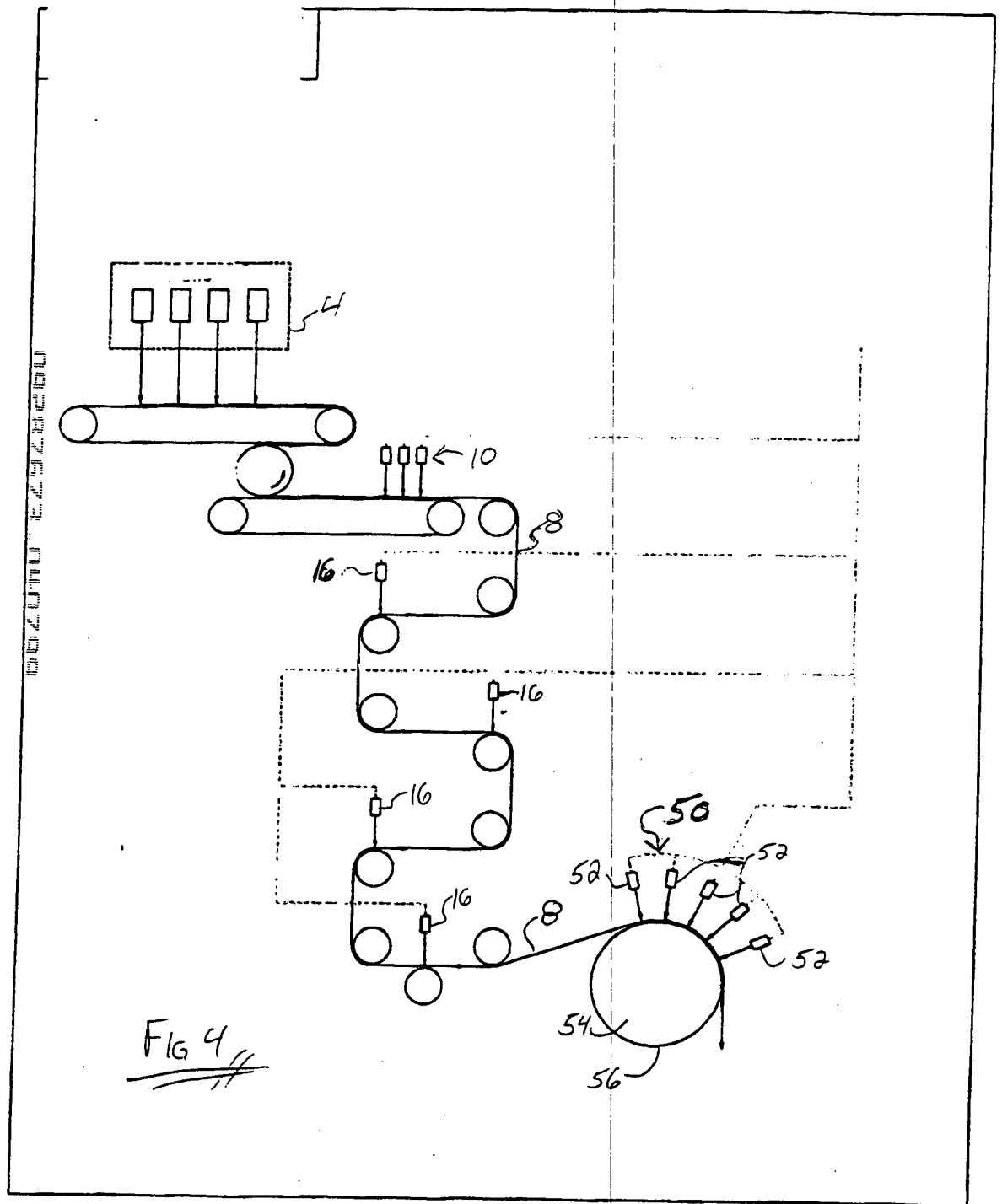


FIG 3A



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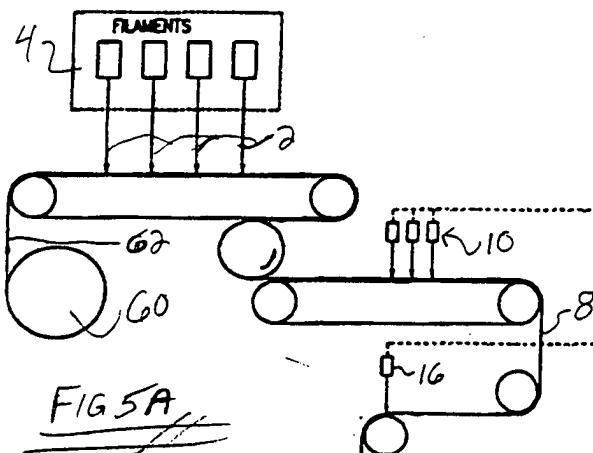
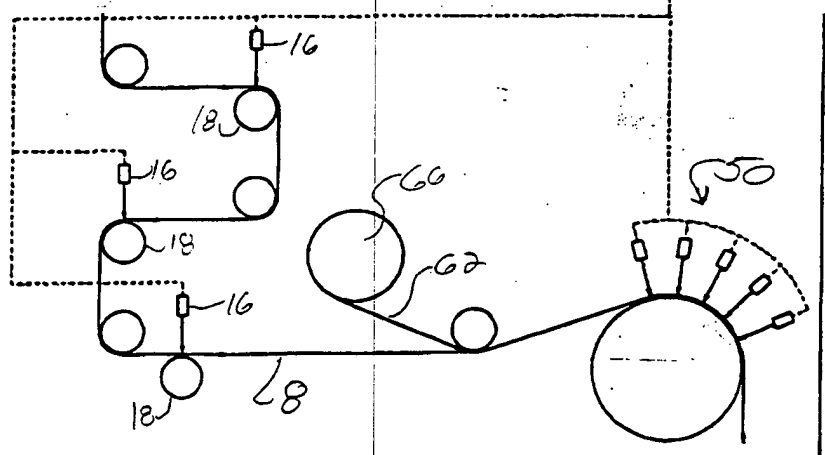


FIG 5A

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FIG 5B



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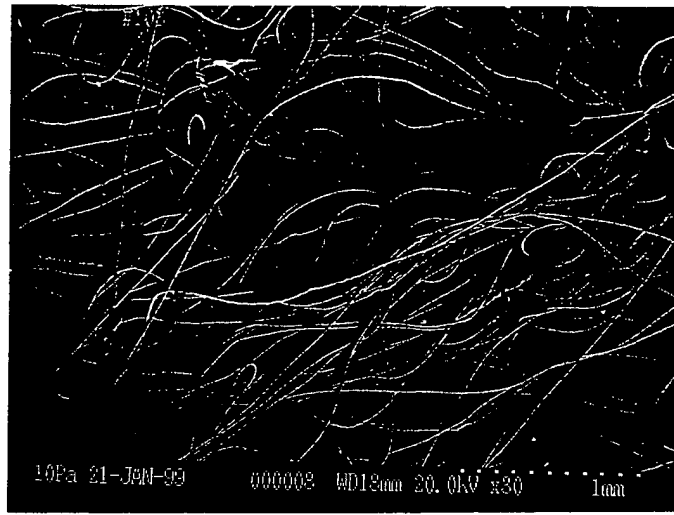


Figure 6

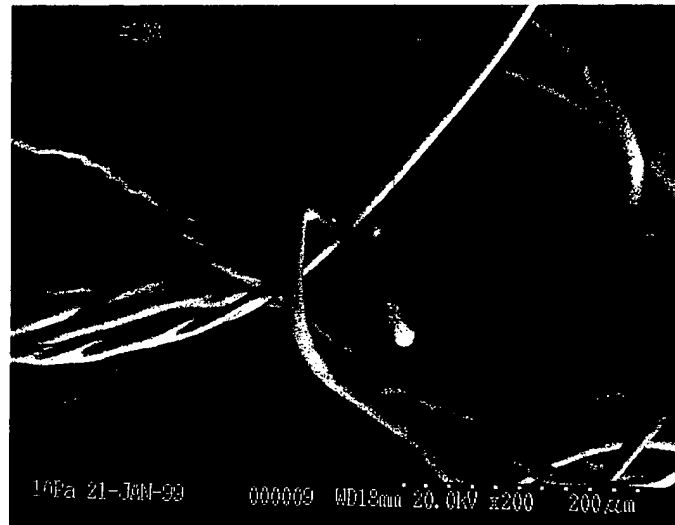


Figure 7

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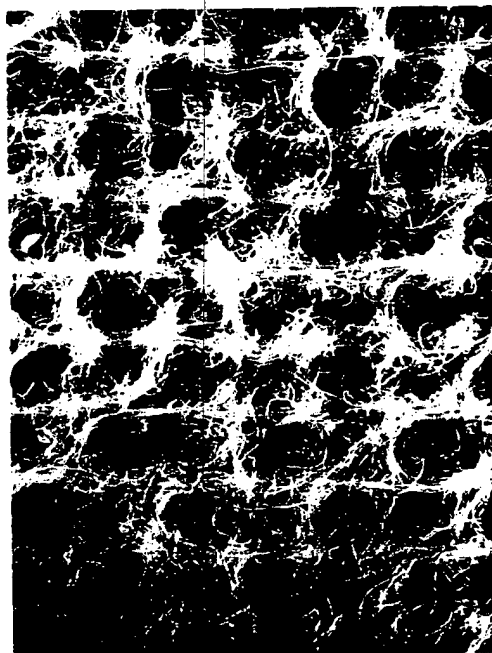


Figure 8: Prior Art

Tensile Comparison - 33 gm/m² Sample - after entangling steps

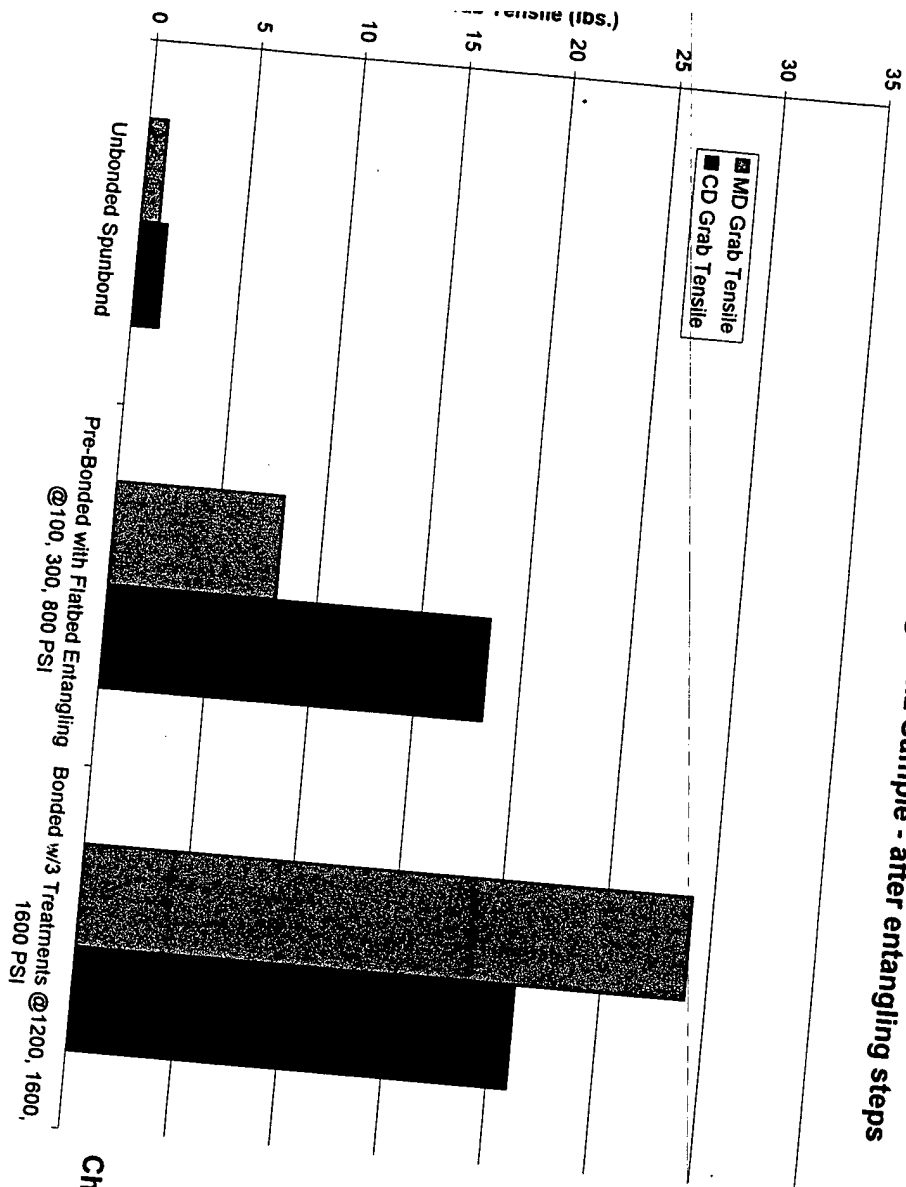


Chart 1

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Comparison: 132 gm/m² Samples Treated Two and Four Times

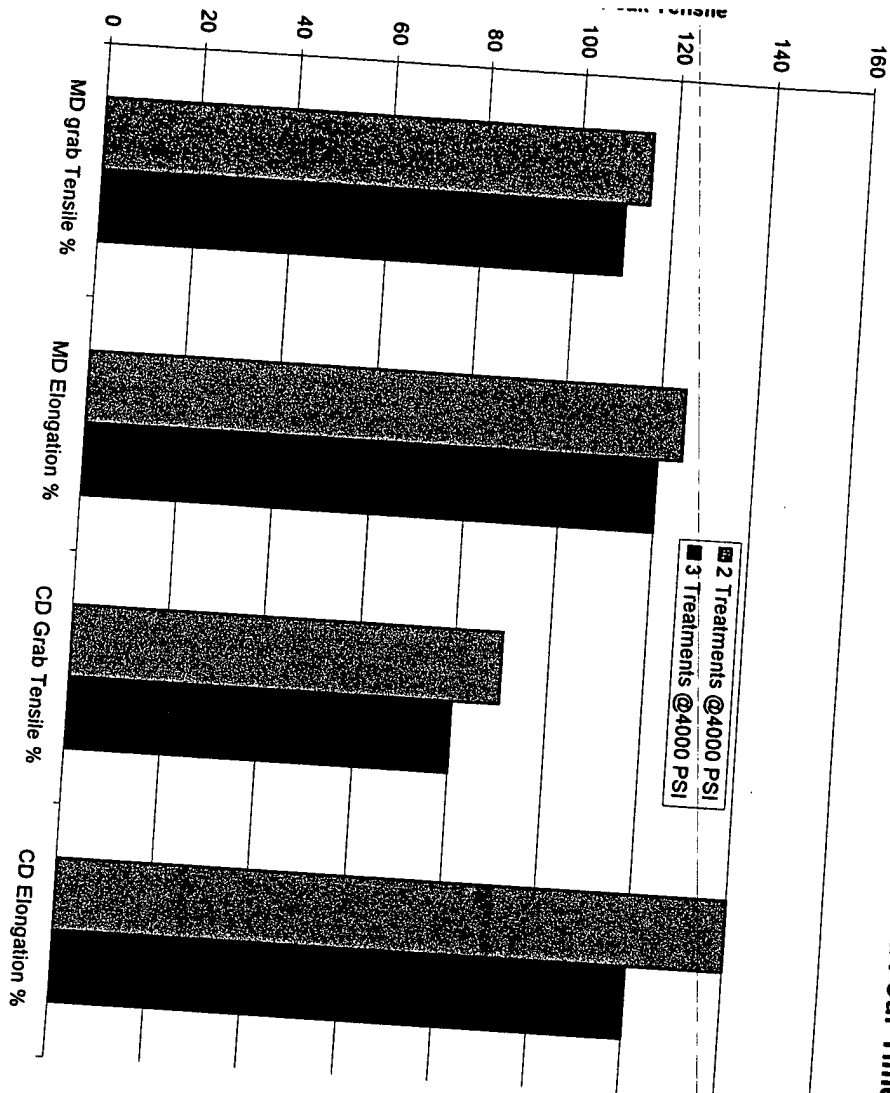


Chart 2

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Tensile Comparison: 68 gm/m² Entangled and Patterned - PP Staple Fiber vs. PP Filament Web

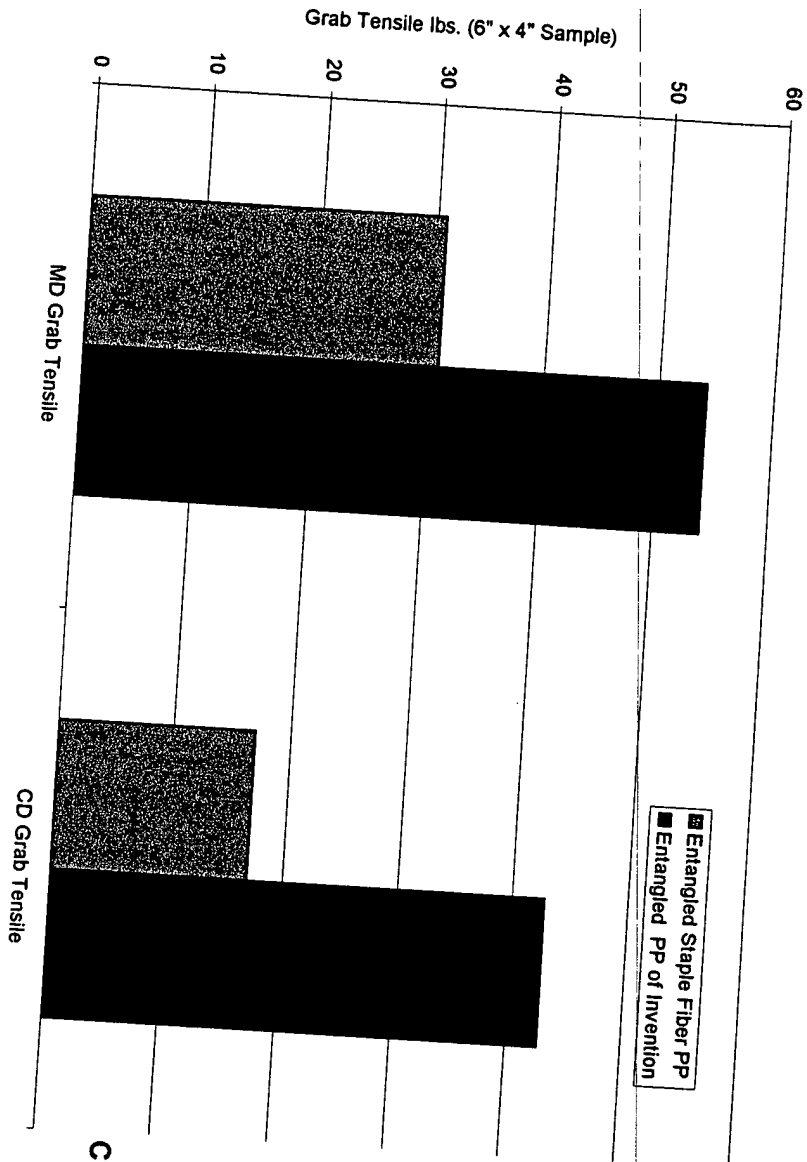


Chart 3

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TABLE I:
Splice Analysis
Fabric properties vs. Control Fabrics

[illegible]

TECW = thermally point bonded carded webs
 APLACE = water jet entangled nonwovens filament webs
 GB = thermally point bonded spunbond
 HBT = hydroentangled carded staple fiber webs

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